PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty) (PCT Article 36 and Rule 70)



Applicant's or agent's file reference				
PA-04056/PCT	FOR FURTHER AC	CTION	See Form PCT/IPEA/41	6
International application No.	International filing date		Priority date (day/mont	
PCT/JP2004/018423	03.12	.2004	05.12.	. 2003
International Patent Classification (IPC Int.Cl. B60H1/00 (2006.01),			(2006.01)	
Applicant SHOWA DENKO K.K.				
This report is the international Authority under Article 35 and This REPORT consists of a total This report is also accompanied.	transmitted to the applicant of 3 sheets, by ANNEXES, comprising	nt according to Article including this cover	36.	ninary Examining
a. 🗀 a total of	sheets, as follows:			
and/or sheets of Administrative Administrative sheets which so beyond the dis Supplemental b. a total of (indicate type	upersede earlier sheets, buclosure in the international Box.	ut which this Authority al application as filed, carrier(s))	ority (see Rule 70.16 and some considers contain an ame as indicated in item 4 of I	Section 607 of the endment that goes Box No. I and the
	listing and/or tables related nee Listing (see Section 86			the Supplemental
4. This report contains indications	relating to the following in	tems:		
🗹 Box No. I Basis of the	ie report			
Box No. II Priority				
Box No. III Non-estab	lishment of opinion with r	egard to novelty, inve	ntive step and industrial ar	oplicability
Box No. IV Lack of u	nity of invention			
	statement under Article 35 nd explanations supporting		elty, inventive step or indus	strial applicability;
Box No. VI Certain do	cuments cited			
Box No. VII Certain de	fects in the international a	pplication		
Box No. VIII Certain ob	servations on the internati	onal application		
Date of submission of the demand		Date of completion of	of this report	
03.10.200	5	·	01.05.2006	
Name and mailing address of the IPEA/J	P	Authorized officer		3M 9259
Japan Patent Offi		Hidefumi SHO	אוווו	
3-4-3. Kasumigaseki Chiyoda-ku Tok				3377

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/018423

Box No. I	Basis of the report		
F th □ a tr	regard to the language, this report is based on: e international application in the language in which it translation of the international application into anslation furnished for the purposes of: international search (Rules 12.3(a) and 23.1(b)) publication of the international application (Rules international preliminary examination (Rules 55.2)	12.4(a))	, which is the language of a
furnish and ar	egard to the elements of the international application ed to the receiving Office in response to an invitation e not annexed to this report):		
⊡ th	e international application as originally filed/furnisl	hed	
pa pa		ceived by this Authority on	
the No	os.*		as originally filed/furnished y statement) under Article 19
the sheets/f	e drawings: īgs		as originally filed/furnished
sheets/fi		ceived by this Authority on	-
sheets/fi		ceived by this Authority on	
a s	equence listing and/or any related table(s) - see Sup	oplemental Box Relating to Sequence	ee Listing.
_ _ _ _	the claims, Nos. the drawings, sheets/figs	<u> </u>	
ma	de, since they have been considered to go beyond ale 70.2(c)). the description, pages the claims, Nos. the drawings, sheets/figs the sequence listing (specify)	the disclosure as filed, as indicate	d in the Supplemental Box
* If item 4 ap	oplies, some or all of those sheets may be marked "sup	perseded."	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/018423

Statement			
Novelty (N)	Claims Claims	1 - 2 3	NO.
Inventive step (IS)	Claims Claims	1-23	NO
Industrial applicability (IA)	Claims Claims	1-23	YE:
he subject matters (of claim	poration) 1996.10.22 (FAn 1-23 are neither disclosor obvious to a person ski	sed in any of t